

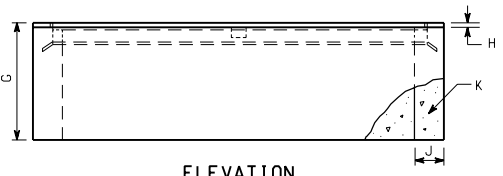
PLAN

MARK	ITEM	BOX TYPE		TYPE 2	TYPE 3
		ALTERNATIVE 1	ALTERNATIVE 2		
A	Box outside length	560	560	840	1065
B	Box outside width	430	430	570	760
C	Box inside length	455	480	710	915
D	Box inside width	330	355	430	610
E	Lid length	455	455	670	965
F	Lid width	330	330	430	660
G	Box depth	305	305	305	305
H	Lid and frame depth	8	8	8	12
J	Wall thickness (MIN)	35	35	35	75
K	Wire reinforcement	W-10	W-8	W-8	W-18
L	Legend	See Detail	See Detail	See Detail	See Detail
M	Handle	N/A	N/A	N/A	See Detail
N	Frame slot mark	N/A	N/A	N/A	See Detail
P	Lid hook mark	N/A	N/A	N/A	See Detail
Q	Foundation outside length	N/A	N/A	N/A	1220
R	Foundation outside width	N/A	N/A	N/A	915
S	Foundation inside length	N/A	N/A	N/A	915
T	Foundation inside width	N/A	N/A	N/A	510
U	Foundation depth (MIN)	N/A	N/A	N/A	75
V	Foundation reinforcement	N/A	N/A	N/A	2-W-18
Capacity - Conduit Diameter (mm)		150	150	300	600

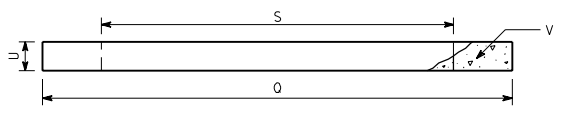
Note: A 1% tolerance is allowed.

JUNCTION BOX DIMENSION TABLE

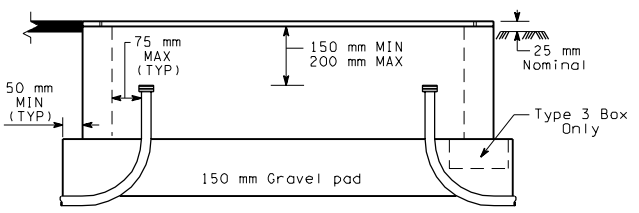
- NOTES
1. All box dimensions are minimum. Exact configurations vary among different manufacturers.
  2. The noted lid thickness are overall minimums. The diamond pattern for Type 1 or Type 2 Boxes shall be 28% minimum of overall thickness. The diamond pattern for Type 3 Boxes shall be 2.5 minimum thick.
  3. Lid support members shall be welded to the frame.
  4. When noted in the contract, Type 2 and Type 3 Boxes shall be provided with 300 mm deep extension boxes.
  5. When noted in the contract, Type 2 Boxes shall be provided with a 250 mm x 685 mm, 3.4 mm divider plate complete with fasteners.
  6. Non-concrete boxes may be submitted for approval. Evaluation will include an H-20 Load Test



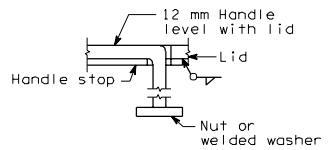
ELEVATION



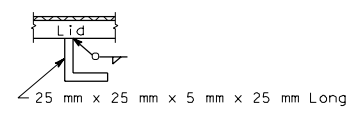
BOX FOUNDATION



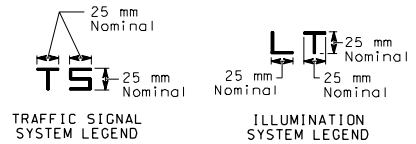
TYPICAL JUNCTION BOX INSTALLATION DETAILS



HANDLE DETAIL  
(Mark M)



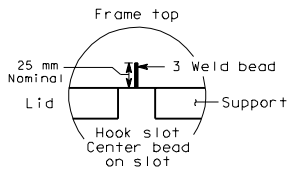
HOOK DETAIL  
(Two Hooks per lid)



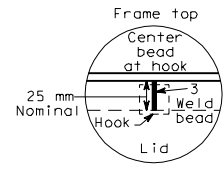
LEGEND DETAIL  
Form letters with 3 mm weld bead.  
Grind off diamond pattern  
before forming letters.

ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS OTHERWISE NOTED.

JUNCTION BOX DETAILS



FRAME SLOT MARK  
(Mark N)



LID HOOD MARK DETAIL  
(Mark P)

STANDARD PLAN J-11a

APPROVED FOR PUBLICATION